

Appl. No. 09/659,895
Atty. Docket No. 7885
Amdt. dated June 9, 2003
Reply to Office Action of February 7, 2003
Customer No. 27752

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Please add the following paragraph before the Technical Field section of the application:

This application claims priority to Provisional Application Serial Nos. 60/169,632, filed December 8, 1999, and 60/178,877, filed January 28, 2000.

Support for this amendment may be found in the Declaration Combined with Power of Attorney form.

Please replace the paragraph beginning at page 11, line 20 – line 22, with the following rewritten paragraph:

Suitable Lewis acids include, but are not limited to, TiCl_4 , $\text{Ti}(\text{O}^i\text{Pr})_4$, ZnCl_2 , SnCl_2 , AlCl_3 , platinum dichloride, copper(II) chloride, phosphorous pentachloride, phosphorous trichloride, cobalt(II) chloride, zinc oxide, iron(II) chloride and $\text{BF}_3\text{-OEt}_2$.

Please replace the paragraph beginning at page 18, line 1 – line 18, with the following rewritten paragraph:

classes, and species of these co-surfactants, is given in US Patent 3,664,961 issued to Norris on May 23, 1972. Amphoteric surfactants are also described in detail in "Amphoteric Surfactants, Second Edition", E.G. Lomax, Editor (published 1996, by Marcel Dekker, Inc.). Suitable surfactants can be found in U.S. Patent applications Serial Nos. ~~60/032,035 (Docket No. 6401P), 60/031,845 (Docket No. 6402P), 60/031,916 (Docket No. 6403P), 60/031,917 (Docket No. 6404P), 60/031,761 (Docket No. 6405P), 60/031,762 (Docket No. 6406P), 60/031,844 (Docket No. 6409P), No. 60/061,971, Attorney docket No 6881P October 14, 1997, No. 60/061,975, Attorney docket No 6882P October 14, 1997, No. 60/062,086, Attorney docket No 6883P October 14, 1997, No. 60/061,916, Attorney docket No 6884P October 14, 1997, No. 60/061,970, Attorney docket No 6885P October 14, 1997, No. 60/062,407, Attorney docket No 6886P October 14, 1997, 60/053,319 filed on July 21 1997 (Docket No. 6766P), 60/053,318 filed on July 21 1997 (Docket No. 6767P), 60/053,321 filed on July 21 1997 (Docket No. 6768P), 60/053,209 filed on July 21 1997 (Docket No. 6769P), 60/053,328 filed on July 21 1997 (Docket No. 6770P), 60/053,186 filed on July 21 1997 (Docket No. 6771P), 60/053,437 filed on August 8 1997 (Docket No. 6796P), 60/105,017 filed on October 20~~

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~~1998 (Docket No. 7303P), and 60/104,962 filed on October 20 1998 (Docket No. 7304P)~~
WO 97/39087, WO 97/39088, WO 97/39091, WO 98/23712, WO 97/38972, WO 97/39-
89, WO 97/39090, WO 99/19434, WO 99/18929, WO 99/18928, WO 99/19448, WO
99/19449, WO 99/05243, WO 99/05242, WO 99/05244, WO 99/05082, WO 99/05084,
WO 99/05241, WO 99/07656, WO 00/23549, and WO 00/23548, all of which are
incorporated herein by reference.


Please replace the paragraph beginning at page 19, lines 14 - 21, with the following rewritten paragraph:

af
Another type of useful surfactants are the so-called dianionics. These are surfactants which have at least two anionic groups present on the surfactant molecule. Some suitable dianionic surfactants are further described in ~~depending U.S. Serial No. 60/020,503 (Docket No. 6160P), 60/020,772 (Docket No. 6161P), 60/020,928 (Docket No. 6158P), 60/020,822 (Docket No. 6159P) and 60/020,773 (Docket No. 6162P) all filed on June 28, 1996, and 60/023,539 (Docket No. 6192P), 60/023493 (Docket No. 6194P), 60/023,540 (Docket No. 6193P) and 60/023,527 (Docket No. 6195P) filed on August 8th, 1996, WO 98/00498, WO 98/00503, US 5,958,858, WO 98/05742, and WO 98/05749, the disclosures of which are incorporated herein by reference.~~

[Please replace the paragraph beginning at page 19, line 22 - page 20, line 4, with the following rewritten paragraph:]


Additionally and preferably, the surfactant may be a branched alkyl sulfate, branched alkyl alkoxylate, or branched alkyl alkoxylate sulfate. These surfactants are further described in ~~No. 60/061,971, Attorney docket No 6881P October 14, 1997, No. 60/061,975, Attorney docket No 6882P October 14, 1997, No. 60/062,086, Attorney docket No 6883P October 14, 1997, No. 60/061,916, Attorney docket No 6884P October 14, 1997, No. 60/061,970, Attorney docket No 6885P October 14, 1997, No. 60/062,407, Attorney docket No 6886P October 14, 1997, WO 99/19434, WO 99/18929, WO 99/18928, WO 99/19448, and WO 99/19449. Other suitable mid-chain branched surfactants can be found in U.S. Patent applications Serial Nos. 60/032,035 (Docket No. 6401P), 60/031,845 (Docket No. 6402P), 60/031,916 (Docket No. 6403P), 60/031,917 (Docket No. 6404P), 60/031,761 (Docket No. 6405P), 60/031,762 (Docket No. 6406P) and 60/031,844 (Docket No. 6409P), WO 97/39087, WO 97/39088, WO 97/39091, WO 98/23712, WO 97/38972, WO 97/39-89, and WO 97/39090. Mixtures of these branched surfactants with conventional linear surfactants are also suitable for use in the present compositions.~~

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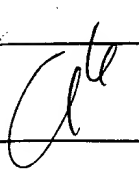
 Please replace the paragraph beginning at page 20, lines 5-14, with the following rewritten paragraph:

Additionally, the surfactant may be a modified alkylbenzene sulfonate surfactants, or MLAS. Suitable MLAS surfactants can be found in ~~U.S. Patent applications Serial Nos. 60/053,319 filed on July 21 1997 (Docket No. 6766P), 60/053,318 filed on July 21 1997 (Docket No. 6767P), 60/053,321 filed on July 21 1997 (Docket No. 6768P), 60/053,209 filed on July 21 1997 (Docket No. 6769P), 60/053,328 filed on July 21 1997 (Docket No. 6770P), 60/053,186 filed on July 21 1997 (Docket No. 6771P), 60/053,437 filed on August 8 1997 (Docket No. 6796P), 60/105,017 filed on October 20 1998 (Docket No. 7303P), and 60/104,962 filed on October 20 1998 (Docket No. 7304P). WO 99/05243, WO 99/05242, WO 99/05244, WO 99/05082, WO 99/05084, WO 99/05241, WO 99/07656, WO 00/23549, and WO 00/23548.~~

Please replace the paragraph beginning at page 31, lines 4 - 9, with the following rewritten paragraph:

 Other suitable polymeric suds stabilizers, including ~~protenacious~~ suds stabilizers and zwitterionic suds stabilizers, can be found in ~~PCT/US98/24853 filed November 20, 1998 (Docket No. 6938), PCT/US98/24707 filed November 20, 1998 (Docket No. 6939), PCT/US98/24699 filed November 20, 1998 (Docket No. 6943), and PCT/US98/24852 filed November 20, 1998 (Docket No. 6944).~~ WO 99/27058, WO 99/27054, WO 99/27053, WO 99/27057. Also suitable are the cationic copolymer stabilizers, which can be found in US Patent 4454060.

Please replace the paragraph beginning at page 32, lines 13 - 14, with the following rewritten paragraph:

 Also proteases described in ~~our co-pending application USSN 08/136,797~~ WO 95/10591 can be included in the detergent composition of the invention.

Please replace the paragraph beginning at page 33, lines 11 - 12, with the following rewritten paragraph:

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Q⁷
Amylase enzymes also include those described in WO95/26397 and in co-pending application by Novo Nordisk ~~PCT/DK96/00056~~ WO 96/23873.

Please replace the paragraph beginning at page 34, lines 11 - 20, with the following rewritten paragraph:

Q⁸
Peroxidase enzymes can be used in combination with oxygen sources, e.g., percarbonate, perborate, persulfate, hydrogen peroxide, etc. They are typically used for "solution bleaching," i.e. to prevent transfer of dyes or pigments removed from substrates during wash operations to other substrates in the wash solution. Peroxidase enzymes are known in the art, and include, for example, horseradish peroxidase, ligninase, and haloperoxidase such as chloro- and bromo-peroxidase. Peroxidase-containing detergent compositions are disclosed, for example, in PCT International Application WO ~~89/099813~~ 89/09813, published October 19, 1989, by O. Kirk, assigned to Novo Industri A/S. The present invention encompasses peroxidase-free automatic dishwashing composition embodiments.

Please replace the paragraph beginning at page 37, lines 1 - 3, with the following rewritten paragraph:

Q⁹
Other suitable dispersant polymers include those disclosed in U.S. Pat. Nos. 3,308,067, 4,530,766, 3,723,322, 3,929,107, 3,803,285, 3,629,121, 4,141,841, and 5,084,535; ~~EP Pat. No. 66,915~~.

Please replace the paragraph beginning at page 41, lines 1 - 9, with the following rewritten paragraph:

Q¹⁰
Definition of pK1 and pK2 - As used herein, "pKa1" and "pKa2" are quantities of a type collectively known to those skilled in the art as "pKa" pKa is used herein in the same manner as is commonly known to people skilled in the art of chemistry. Values referenced herein can be obtained from literature, such as from "Critical Stability Constants: Volume 2, Amines" by Smith and Martel, Plenum Press, NY and London, 1975. Additional information on pKa's can be obtained from relevant company literature, such as information supplied by Dupont, a supplier of diamines. More detailed information of pKa's can be found in ~~US Pat App No. 08/770,972 filed 12/29/96 to Procter & Gamble (Attorney Docket No. 6459)~~ US5,990,065.

Please replace the paragraph beginning at page 69, lines 1 - 2, with the following rewritten paragraph:

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A¹¹
Gandolfo et al and ~~European Patent Application No. 89307851.9~~ EP 0 354 016, published February 7, 1990, by Starch, M. S.

Please replace the paragraph beginning at page 73, lines 1 - 5, with the following rewritten paragraph:

A¹²
agents, silicone conditioning agents, suspending agent, cationic ~~spreading~~ spreading agents, phase ~~separation~~ separation initiators, and pediculocides and mixtures thereof. These and other suitable materials for incorporation into the shampoo compositions can be found in ~~U.S. Patent applications Serial Nos. 60/061,975 filed on October 17, 1997 (Docket No. 6882P), and 60/061,916 filed on October 17, 1997 (Docket No. 6884P)~~ WO 99/18929 and WO 99/18928.

Please replace the paragraph beginning at page 74, lines 12-18, with the following rewritten paragraph:

A¹³
As it was mentioned previously the surfactants of the present invention may be included in a fabric softening composition. Suitable materials for incorporation into the fabric softening compositions in addition to the surfactants of the present invention can be found in U.S. Patent applications Serial Nos. 5,830,845, granted on November 3, 1998; 5,929,025, granted on July 27, 1999; 5,877,745, granted on March 2, 1999; 5,977,055, granted on November 2, 1999; 5,854,200, granted on December 29, 1998; and 5,686,376, Rusche et al., granted on November 2, 1999.

Please replace the paragraph beginning at page 75, lines 5 - 18, with the following rewritten paragraph:

A¹⁴
In addition to the liquid and solid phase components as hereinbefore described, the aqueous and non-aqueous based detergent compositions can, and preferably will, contain various other optional components. Such optional components may be in either liquid or solid form. The optional components may either dissolve in the liquid phase or may be dispersed within the liquid phase in the form of fine particles or droplets. Suitable optional material includes for example chelating agents, enzymes, builders, bleach catalysts, bleach activators, thickeners, viscosity control agents and/or dispersing agents suds boosters, liquid bleach activator, dye transfer inhibitors, solvents, suds suppressors, structure elasticizing agent, anti redeposition agents, to exemplify but a few possible optional ingredients. Some of the materials which may optionally be utilized in the

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A¹⁴
compositions herein are described in greater detail. Further details on suitable adjunct ingredients to HDL compositions, methods of preparing same and use in the compositions can be found in U.S. Patent applications Serial Nos. 60/062,087 (~~Docket No. 6876P~~), and 60/061,924 (~~Docket No. 6877P~~) WO 99/19451 and WO 99/19450.

Please replace the paragraph beginning at page 81, lines 22 - 25, with the following rewritten paragraph:

A¹⁵
Commercially marketed executions of the compositions can be packaged in any suitable container including those constructed from paper, cardboard, plastic materials and any suitable laminates. A preferred packaging execution is described in ~~European Application No. 94921505.7~~ WO 95/02681.
